Twelve Channel ECG

Twelve Channel ECG
SE-12 & SE-12 Express

	SE-12 Twelve Channel ECG	SE-12 Express Twelve Channel ECG
Input Circuit	Defibrillation protection built-in	
Lead	Standard 12 leads	
Acquisition Mode	simultaneous 12 lead acquisition (10-24 seconds adjustable)	
A/D Converter	24 bits	
Input Voltage Range	± 5mVpp	
Time Constant	≥ 3.2s	
Frequency Response	0.05Hz ~ 150Hz	
Calibration Voltage	1mV ± 2%	
Sensitivity	2.5, 5, 10, 20 ,10/5,AGC (mm/mV)	
Input Impedance	50MΩ (10Hz)	
Input Circuit Current	≤10nA	
Noise Level	<12.5 μVp-p	
Anti Baseline Drift	Automatic	
Patient Leakage Current	< 10 μA (220V~240V)	
Patient Auxiliary Current	<0.1 μA (DC)	
Filter	EMG filter 25Hz/35Hz/45Hz/OFF DFT fliter 0.05/0.15/0.25/0.5/0.32/0.67Hz Lowpass fliter 150Hz/100Hz/75Hz AC filter 50 Hz/60Hz	
CMRR	≥ 115dB	
Recording Mode	Auto/Manual/Rhythm/R-R Analyse	
Rhythm Lead	Single lead or three leads selectable	
Power Supply	AC:100V-240V, 50/60Hz	
Battery	Built-in rechargeable Li-ion battery: voltage=14.8V, for about 200 copies ECG printing	Built-in rechargeable Li-ion battery: voltage=14.8V, for about 400 copies ECG printing
Recorder	Thermal printer	
Record paper	Folded paper, Rolled paper	
Paper width	216mm , 210mm	
Record Speed	5mm/s,10mm/s,12.5mm/s,25mm/s,50mm/s (± 3%)	
Dimension	420mm x 330mm x 105mm	420mm x 330mm x 120mm
Display	320 × 240 dot single color LCD	800 x 600 multicolor LCD
External Input/Output	Input: ≥ 100KΩ ; Sensitivity 10mm/V ± 5% Output: ≤ 100Ω; Sensitivity 1V/mV ± 5%	
Communication ports	Ethernet, RS232	

TUV SÜD   CE 0123

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EDAN INSTRUMENTS

Twelve Channel ECG

- 5.7 inch foldable LCD screen
- Alphanumeric keyboard and one touch operation
- Sleep mode to save energy and extend LCD life
- Complete digital filters, resisting baseline drift, AC and EMG interference
- Automatic measurement and interpretation tested with authoritative CSE database
- Real-time waveform freezing
- 120s seconds ECG waveform reviewable
- Two-step exercise test with periodic recording
- Built-in rechargeable Li-ion battery
- 100 ECGs in internal memory

Option:
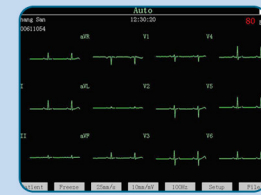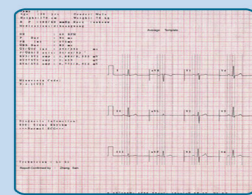- PC-based data management software (Smart ECG Viewer)

SE-12

Preview and print: *We make it possible to pre-view report for both real-time printing and file storage*
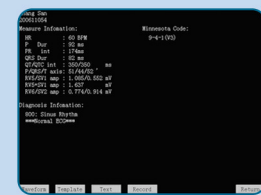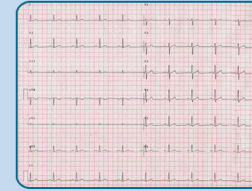
Useful tools: *Average template waveform together with accurate interpretation appreciated by authority CSE DATABASE (IEC 60601-2-51) which supplies measurement, diagnosis and Minnesota code*

Waveform process: *Doctor can edit the printing style, printing speed, sensitivity, and filter setting to get better waveforms instead of repeated examination*

Replay and record: *Freeze and review waveform backward and forward per second or page to grasp every arrhythmia then print out*
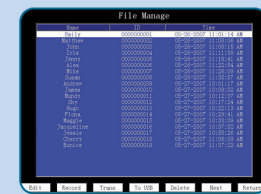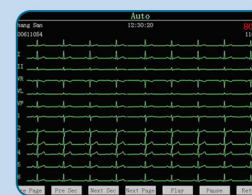
File storage and Search: *Patient data in internal storage including waveforms, measurement and diagnosis which could also be enlarged by flash disk or PC hard disk, support report search from internal memory*

SE-12 Express

- 12.1 inch color touch-screen
- Alphanumeric keyboard and one touch operation
- Automatic measurement and interpretation tested with authoritative CSE database
- Real-time waveform freezing
- 120 seconds ECG waveform reviewable
- Waveforms and diagnosis results preview before printing
- Automatic arrhythmia detection and recording
- 200 ECGs in internal memory
- Heart rate variability (HRV) analysis

Stress test option：
- Treadmills or bicycles and Suntech tango+ exercise blood pressure monitor supported
- Customized exercise protocols
- ST analysis and reports

Other options:
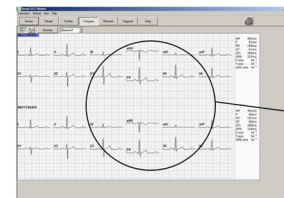- PC-based data management software (Smart ECG Viewer)
- Trolley and cable bracket

Stress Test upgradeable

Smart ECG Viewer
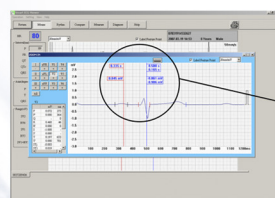
Manual Measurement
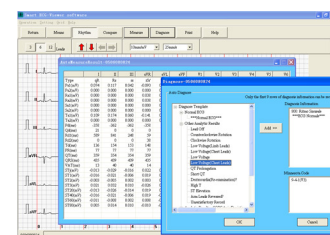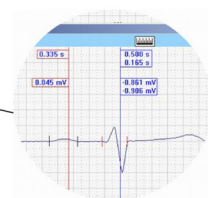
Interpretation

Compare Viewing for Different Examination